

## EAST Search History

| Ref # | Hits | Search Query   | DBs                          | Default Operator | Plurals | Time Stamp       |
|-------|------|--|------------------------------|------------------|---------|------------------|
| S1    | 1    | ("20040266308").PN.  | US-PGPUB;<br>USPAT           | OR               | OFF     | 2007/05/23 09:39 |
| S2    | 4    | ((("6086442") or ("20040189175") or ("5469014") or ("6171927"))).PN.   | US-PGPUB;<br>USPAT           | OR               | OFF     | 2007/05/23 09:33 |
| S3    | 1    | S2 and silane  | US-PGPUB;<br>USPAT           | ADJ              | ON      | 2007/05/23 10:02 |
| S4    | 5    | ("5186670"   "5378182"   "5401676"   "5789272"   "5817201").PN.  | US-PGPUB;<br>USPAT;<br>USOCR | ADJ              | ON      | 2007/05/23 10:01 |
| S5    | 1    | S4 and silane  | US-PGPUB;<br>USPAT           | ADJ              | ON      | 2007/05/23 10:08 |
| S6    | 160  | field emiss\$6 (display or device) and (silane or "SiH.sub.4") same (plasma enhanced chemical vapor deposit\$6 or plasma CVD or PECVD or plasma enhanced CVD)                                  | US-PGPUB;<br>USPAT           | ADJ              | ON      | 2007/05/23 16:24 |
| S7    | 18   | field emiss\$6 (display or device) and native oxide and (silane or "SiH.sub.4") and (nitrogen or ammonia or "N.sub.2" or "NH.sub.3")   | US-PGPUB;<br>USPAT           | ADJ              | ON      | 2007/05/23 13:40 |
| S8    | 1    | ("7088037 ").PN.   | US-PGPUB;<br>USPAT           | OR               | OFF     | 2007/05/23 10:17 |
| S9    | 25   | field emiss\$6 (display or device) and (silane or "SiH.sub.4") same (plasma enhanced chemical vapor deposit\$6 or plasma CVD or PECVD or plasma enhanced CVD) same (emitter or tip or current) | US-PGPUB;<br>USPAT           | ADJ              | ON      | 2007/05/23 10:46 |
| S10   | 58   | field emiss\$6 (display or device) and hydrogenat\$6 same (emitter or tip or current)  | US-PGPUB;<br>USPAT           | ADJ              | ON      | 2007/05/23 11:09 |
| S11   | 3    | field emiss\$6 (display or device) and native oxide and (silane or "SiH.sub.4") not S7   | US-PGPUB;<br>USPAT           | ADJ              | ON      | 2007/05/23 11:23 |
| S12   | 40   | (current or field) near2 (emitter or tip) and native oxide and (silane or "SiH.sub.4") not S7 not S11  | US-PGPUB;<br>USPAT           | ADJ              | ON      | 2007/05/23 11:22 |
| S13   | 14   | field emiss\$6 (display or device) and native oxide and hydrogenat\$6  | US-PGPUB;<br>USPAT           | ADJ              | ON      | 2007/05/23 11:23 |
| S14   | 34   | field emiss\$6 (display or device) and native oxide same (emitter or current or tip)   | US-PGPUB;<br>USPAT           | ADJ              | ON      | 2007/05/23 15:03 |
| S15   | 1    | ("5747384").PN.  | US-PGPUB;<br>USPAT           | OR               | OFF     | 2007/05/23 13:16 |

## EAST Search History

|     |     |   |                              |     |     |                  |
|-----|-----|---|------------------------------|-----|-----|------------------|
| S16 | 2   | ("6323587").PN.   | USPAT;<br>DERWENT            | OR  | OFF | 2007/05/23 13:40 |
| S17 | 4   | ("5229682"   "5401676"   "6008063"<br>  "6028322").PN.  | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON  | 2007/05/23 14:46 |
| S18 | 11  | ("5186670"   "5229682"   "5401676"<br>  "5599749"   "5666020"  <br>"5769679"   "5844250"   "5956611"<br>  "6008063"   "6024620"  <br>"6028322").PN. | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON  | 2007/05/23 14:49 |
| S19 | 7   | field emiss\$6 (display or device) and<br>native oxide same nitrogen  | US-PGPUB;<br>USPAT           | ADJ | ON  | 2007/05/23 15:04 |
| S20 | 875 | native oxide same nitrogen not S19  | US-PGPUB;<br>USPAT           | ADJ | ON  | 2007/05/23 15:05 |
| S21 | 97  | native oxide same ammonia same<br>plasma  | US-PGPUB;<br>USPAT           | ADJ | ON  | 2007/05/23 15:05 |
| S22 | 42  | native oxide same ammonia same<br>plasma same silicon   | US-PGPUB;<br>USPAT           | ADJ | ON  | 2007/05/23 15:06 |
| S23 | 430 | plasma same silane same (RF or<br>radio frequency) same sccm same<br>(watts or W)   | US-PGPUB;<br>USPAT           | ADJ | ON  | 2007/05/23 16:25 |